

ABSTRACT OF THE DISCLOSURE

Disclosed is a multi-air conditioner including: an outdoor unit having a compressor, an outdoor heat exchanger, and an outdoor fan for ventilating the outdoor heat exchanger; a plurality of indoor units each having an electronic expansion valve and an indoor heat exchanger; a distributor for selectively guiding a refrigerant of the outdoor unit into the plurality of indoor units according to an operation condition; a four-way valve for selectively switching a flow direction of the refrigerant flowing through the outdoor heat exchanger; a selective expansion unit for selectively expanding the refrigerant according to the flow direction of the refrigerant; a gas-liquid separator for separating a vapor-phase refrigerant and a liquid-phase refrigerant, from the refrigerant flowing from the outdoor heat exchanger; and a connection tube part having a first connection tube for connecting the four-way valve with a distributor, a second connection tube for connecting an upper portion of the gas-liquid separator with the distributor thereby guiding a vapor-phase refrigerant, and a third connection tube for connecting a lower portion of the gas-liquid separator with the distributor thereby guiding a liquid-phase refrigerant.